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<u>Amendments to the Claims:</u>

This listing of claims replaces all prior versions and listings of claims in the application:

<u>Listing of Claims:</u>

1. (Canceled)

2. (Currently Amended) <u>A computer-implemented method comprising:</u> ~~The method of claim 1, further comprising:~~

    <u>identifying a first device color profile associated with an output device;</u>

    <u>automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile;</u>

    receiving input data;

    identifying an emulation device, the emulation device being different from the output device, the emulation device having a second device color profile different from the first device color profile;

    generating output data by transforming the input data using the second device color device profile as a target device color profile, the first device profile as a source device color profile, and the selected rendering intent; and

    sending the output data to the emulation device.

3. (Previously Presented) The method of claim 5, wherein the output device is a printing press.

4. (Cancelled)

5. (Currently Amended) <u>A computer-implemented method comprising:</u> ~~The method of claim 1, further comprising:~~

_____ identifying a first device color profile associated with an output device;

_____ automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile;

determining from the first device color profile a minimum luminance the output device can produce; and

selecting the rendering intent based on a comparison of the minimum luminance to one or more predefined thresholds.

6. (Previously Presented) The method of claim 5, wherein selecting one of a plurality of rendering intents comprises:

selecting a first rendering intent when the minimum luminance exceeds a predefined threshold; and

selecting a second rendering intent otherwise.

7. (Original) The method of claim 6, wherein:

selecting a first rendering intent includes selecting a perceptual rendering intent; and

selecting a second rendering intent includes selecting a colorimetric rendering intent.

8. (Previously Presented) The method of claim 7, further comprising:

receiving input data from a graphic arts application;

generating output data using the input data and the selected rendering intent; and

sending the output data to a proofing printer, the proofing printer having a device color profile different from the first device color profile.

9. (Original) The method of claim 6, wherein selecting a first rendering intent includes selecting a composite rendering intent.

10. (Original) The method of claim 6, wherein selecting a second rendering intent includes selecting a composite rendering intent.

11. (Currently Amended) <u>A computer-implemented method comprising:</u> ~~The method of claim 1, further comprising:~~

<u>   identifying a first device color profile associated with an output device;</u>

<u>   automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile; and</u>

identifying an emulation device color profile associated with an emulation device, the emulation device color profile being different from the first device color profile;

wherein automatically selecting a rendering intent further comprises selecting the rendering intent based on the emulation device color profile.

12. (Previously Presented) The method of claim 11, wherein the emulation device is a device to generate output of an emulation of the output device.

13. (Previously Presented) The method of claim 12, wherein the output device is a printing press and the emulation device is a proofing printer, the method further comprising:

        receiving a selection indicative of the printing press color profile; and
        receiving a selection indicative of the proofing printer color profile.

14. (Original) The method of claim 13, further comprising:

        selecting a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

        selecting a second rendering intent otherwise.

15. (Original) The method of claim 14, wherein:

        selecting a first rendering intent includes selecting a perceptual rendering intent; and
        selecting a second rendering intent includes selecting a colorimetric rendering intent.

16. (Original) The method of claim 14, wherein selecting a first rendering intent includes selecting a composite rendering intent.

17. (Original) The method of claim 14, wherein selecting a second rendering intent includes selecting a composite rendering intent.

18. (Original) The method of claim 13, further comprising:
        selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and
        selecting a second rendering intent otherwise.

19. (Original) The method of claim 18, wherein:
        selecting a first rendering intent includes selecting a perceptual rendering intent; and
        selecting a second rendering intent includes selecting a colorimetric rendering intent.

20. (Original) The method of claim 18, wherein selecting a first rendering intent includes selecting a composite rendering intent.

21. (Original) The method of claim 18, wherein selecting a second rendering intent includes selecting a composite rendering intent.

22. (Canceled)

23. (Currently Amended) An apparatus comprising: ~~The apparatus of claim 22, further comprising:~~
        means for identifying a first device color profile associated with an output device;
        means for automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile;
        means for receiving input data;

means for identifying an emulation device, the emulation device being different from the output device, the emulation device having a second device color profile different from the first device color profile; and

means for generating output data by transforming the input data using the second device color device profile as a target device color profile, the first device profile as a source device color profile, and the selected rendering intent.

24. (Previously Presented) The apparatus of claim 26, wherein the output device is a printing press.

25. (Cancelled)

26. (Currently Amended) An apparatus comprising: ~~The apparatus of claim 22, further comprising:~~

<u>means for identifying a first device color profile associated with an output device;</u>

<u>means for automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile;</u>

means for determining from the first device color profile a minimum luminance the output device can produce; and

means for automatically selecting the rendering intent based on a comparison of the minimum luminance to one or more predefined thresholds.

27. (Previously Presented) The apparatus of claim 26, wherein the means for selecting one of a plurality of rendering intents comprises:

means for selecting a first rendering intent when the minimum luminance exceeds a predefined threshold; and

means for selecting a second rendering intent otherwise.

28. (Original) The apparatus of claim 27, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

29. (Previously Presented) The apparatus of claim 28, further comprising:

    means for receiving input data from a graphic arts application;

    means for generating output data using the input data and a selected rendering intent; and

    means for sending the output data to the proofing printer, the proofing printer having a device color profile different from the first device color profile.

30. (Original) The apparatus of claim 27, wherein the means for selecting a first rendering intent includes means for selecting a composite rendering intent.

31. (Original) The apparatus of claim 27, wherein the means for selecting a second rendering intent includes means for selecting a composite rendering intent.

32. (Currently Amended) An apparatus comprising: The apparatus of claim 22, further comprising:

    means for identifying a first device color profile associated with an output device;

    means for automatically selecting a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile; and

    means for identifying an emulation device color profile associated with an emulation device, the emulation device color profile being different from the first device color profile;

    wherein the means for automatically selecting a rendering intent further comprises means for selecting the rendering intent based on the emulation device color profile.

33. (Previously Presented) The apparatus of claim 32, wherein the emulation device is a device to generate output of an emulation of the output device.

34. (Previously Presented) The apparatus of claim 33, wherein the output device is a printing press and the emulation device is a proofing printer, the apparatus further comprising:

means for receiving a selection indicative of the printing press color profile; and

means for receiving a selection indicative of the proofing printer color profile.

35. (Original) The apparatus of claim 34, further comprising:

means for selecting a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

means for selecting a second rendering intent otherwise.

36. (Original) The apparatus of claim 35, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

37. (Original) The apparatus of claim 35, wherein the means for selecting a first rendering intent includes means for selecting a composite rendering intent.

38. (Original) The apparatus of claim 35, wherein the means for selecting a second rendering intent includes means for selecting a composite rendering intent.

39. (Original) The apparatus of claim 34, further comprising:

means for selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and

means for selecting a second rendering intent otherwise.

40. (Original) The apparatus of claim 39, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

41. (Original) The apparatus of claim 39, wherein the means for selecting a colorimetric rendering intent includes means for selecting a composite rendering intent.

42. (Original) The apparatus of claim 39, wherein the means for selecting a perceptual rendering intent includes means for selecting a composite rendering intent.

43. (Canceled)

44. (Currently Amended) A computer program product, tangibly embodied on a computer-readable medium, the product comprising instructions operable to cause a processor to: ~~The computer program product of claim 43, further comprising instructions operable to cause a processor to:~~

identify a first device color profile associated with an output device;

automatically select a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile;

receive input data;

identify an emulation device, the emulation device being different from the output device, the emulation device having a second device color profile different from the first device color profile;

generate output data by transforming the input data using the second device color device profile as a target device color profile, the first device profile as a source device color profile, and the selected rendering intent; and

send the output data to the emulation device.

45. (Previously Presented) The computer program product of claim 47, wherein the output device is a printing press.

46. (Cancelled)

47. (Currently Amended) <u>A computer program product, tangibly embodied on a computer-readable medium, the product comprising instructions operable to cause a processor to:</u> ~~The computer program product of claim 43, further comprising instructions to:~~

    <u>identify a first device color profile associated with an output device;</u>

    <u>automatically select a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile;</u>

    determine from the first device color profile a minimum luminance the output device can produce; and

    select the rendering intent based on a comparison of the minimum luminance to one or more predefined thresholds.

48. (Previously Presented) The computer program product of claim 47, wherein the instructions to select one of a plurality of rendering intents further comprise:

    instructions to select a first rendering intent when the minimum luminance exceeds a predefined threshold; and

    instructions to select a second rendering intent otherwise.

49. (Original) The computer program product of claim 48, wherein:

    the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

    the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

50. (Previously Presented) The computer program product of claim 49, further comprising instructions to:

     receive input data from a graphic arts application; ·

     generate output data using the input data and a selected rendering intent; and

     send the output data to the proofing printer, the proofing printer having a device color profile different from the first device color profile.

51. (Previously Presented) The computer program product of claim 48, wherein the instructions to select a first rendering intent include instructions to select a composite rendering intent.

52. (Previously Presented) The computer program product of claim 48, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.

53. (Currently Amended) <u>A computer program product, tangibly embodied on a computer-readable medium, the product comprising instructions operable to cause a processor to:</u> ~~The computer program product of claim 43, further comprising instructions to:~~

     <u>identify a first device color profile associated with an output device;</u>

     <u>automatically select a rendering intent from a plurality of rendering intents based on the color characteristics of the output device, the color characteristics being defined by the first device color profile; and</u>

     identify an emulation device color profile associated with an emulation device, the emulation device color profile being different from the first device color profile;

     wherein the instructions to automatically select the rendering intent further comprise instructions to select a rendering intent based on the emulation device color profile.

54. (Previously Presented) The computer program product of claim 53, wherein the emulation device is a device to generate output of an emulation of the output device.

55. (Previously Presented) The computer program product of claim 54, wherein the output device is a printing press and the emulation device is a proofing printer, the computer program product further comprising instructions to:

      receive a selection indicative of the printing press color profile; and

      receive a selection indicative of the proofing printer color profile.

56. (Original) The computer program product of claim 55, further comprising instructions to:

      select a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

      select a second rendering intent otherwise.

57. (Original) The computer program product of claim 56, wherein:

      the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

      the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

58. (Previously Presented) The computer program product of claim 56, wherein the instructions to select a first rendering intent include instructions to select a composite rendering intent.

59. (Original) The computer program product of claim 56, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.

60. (Previously Presented) The computer program product of claim 55, further comprising instructions to:

      select a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and

      select a second rendering intent otherwise.

61. (Original) The computer program product of claim 60, wherein:

the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

62. (Previously Presented) The computer program product of claim 60, wherein the instructions to select a first rendering intent include instructions to select a composite rendering intent.

63. (Previously Presented) The computer program product of claim 60, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.